

Converting Colors

Yxy(80.9141, 0.3148, 0.3085)

Have a look what the booklet for
Yxy(80.9141, 0.3148, 0.3085)
contains.

Yxy(81.0030, 0.3150, 0.3091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.0030, 0.3150, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	F8E2F6
RGB	248, 226, 246
RGB Percent	97%, 89%, 96%
CMY	0.0274, 0.1137, 0.0351
CMYK	0.00, 0.09, 0.01, 0.03
HSL	305°, 61%, 93%
HSV	305°, 9%, 97%
XYZ	82.5492, 81.0030, 98.5087
YIQ	234.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

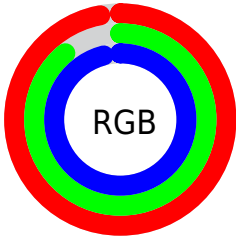
Format	Color
R _Y B	248, 226, 246
Decimal	16311030
CIE Lab	92.13, 10.96, -7.00
CIE LCh	92, 13.001, 327.431
Yxy	81.0030, 0.3150, 0.3091
Android (android.graphics.Color)	4294501110 (0xFF8E2F6)
YUV	234.8580, 5.4930, 11.5255
Hunter-Lab	90.0017, 6.2165, -1.8929

Details

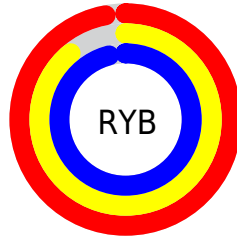
The Yxy color **81.0030, 0.3150, 0.3091** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.9069, 0.3105, 0.3497**, and the grayscale version is **82.9221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0500, 0.3156, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **68.3452, 0.3179, 0.2860**, and if you desaturate by 10%, it is **95.6202, 0.3124, 0.3315**.

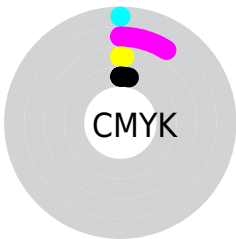
Distribution



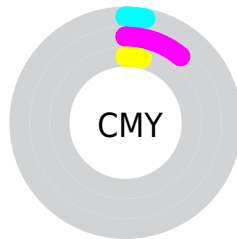
- Red (97%)
- Green (89%)
- Blue (96%)



- Red (97%)
- Yellow (89%)
- Blue (96%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0030, 0.3150, 0.3091 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 81.0030, 0.3150, 0.3091 by changing the saturation by 10% instead.

 81.0030, 0.3150,
0.3091

 81.0030, 0.3150,
0.3091

498.3066, 0.3140,
0.3180

 60.5441, 0.3152,
0.3071


134.7750, 0.3147,
0.3121

 43.8573, 0.3154,
0.3047


168.8568, 0.3146,
0.3133

 30.5584, 0.3157,
0.3018

208.2484, 0.3144,
0.3144

 20.2628, 0.3161,
0.2980

253.3342, 0.3143,
0.3153

 12.5862, 0.3166,
0.2929

304.4985, 0.3142,
0.3161

 7.1442, 0.3171,
0.2859

362.1257, 0.3142,

 3.5525, 0.3179,

0.3168

0.2756

426.6003, 0.3141,
0.3174

■ 1.4265, 0.3189,
0.2588

■ 0.2361, 0.3336,
0.1602

■ 81.0030, 0.3150,
0.3091

■ 81.0030, 0.3150,
0.3091

■ 68.3452, 0.3179,
0.2860

■ 95.6202, 0.3124,
0.3315

■ 57.5528, 0.3210,
0.2629

■ 98.4091, 0.3110,
0.3334

■ 48.5401, 0.3244,
0.2403

■ 98.5490, 0.3097,
0.3312

■ 41.2103, 0.3280,
0.2194

■ 98.6904, 0.3085,
0.3291

■ 35.4574, 0.3316,
0.2012

■ 98.6977, 0.3084,
0.3290

■ 31.1637, 0.3353,
0.1864

■ 28.1945, 0.3387,
0.1758

■ 26.3908, 0.3419,
0.1697

■ 25.5178, 0.3448,
0.1676

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0030, 0.3001, 0.3038



81.0030, 0.3150, 0.3091



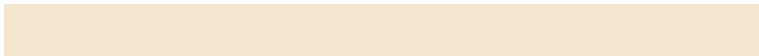
81.0030, 0.3296, 0.3194

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0030, 0.3150, 0.3091



81.0030, 0.3370, 0.3533



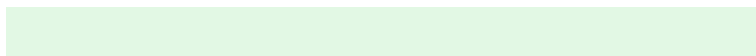
81.0030, 0.2863, 0.3248

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



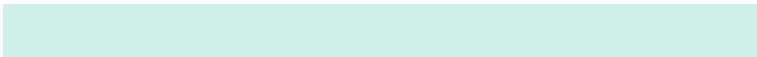
81.0030, 0.3150, 0.3091



88.9069, 0.3105, 0.3497

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0030, 0.2958, 0.3388



81.0030, 0.3150, 0.3091



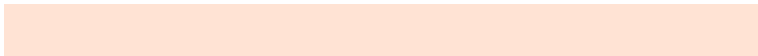
81.0030, 0.3250, 0.3555

Square

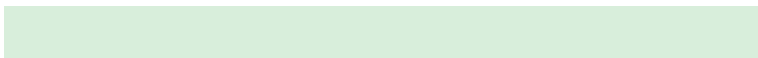
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



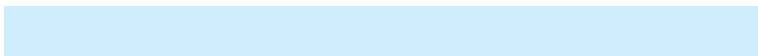
81.0030, 0.3150, 0.3091



81.0030, 0.3425, 0.3446



81.0030, 0.3099, 0.3502



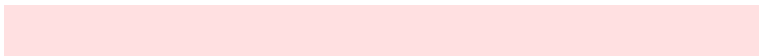
81.0030, 0.2838, 0.3124

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0030, 0.3150, 0.3091



81.0030, 0.3371, 0.3278



81.0030, 0.3099, 0.3502



81.0030, 0.2888, 0.3295

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.0065, 0.3150, 0.3091



95.1720, 0.3135, 0.3223



77.6366, 0.3001, 0.3063



20.1015, 0.3137, 0.3206



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

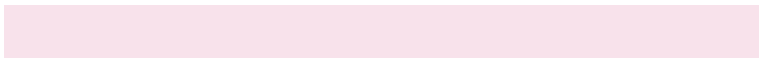
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0065, 0.3150, 0.3091



83.2309, 0.3156, 0.3042



80.3578, 0.3221, 0.3198



17.4963, 0.3152, 0.3077



13.7546, 0.3447, 0.1673



1.2815, 0.3415, 0.1655

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



81.0065, 0.3150, 0.3091



83.2309, 0.3156, 0.3042



89.5300, 0.3042, 0.3384



17.4963, 0.3152, 0.3077



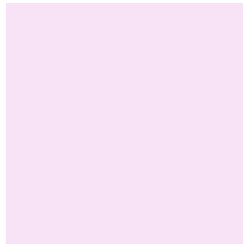
13.7546, 0.3447, 0.1673



1.2815, 0.3415, 0.1655

Previews

White Background



This preview shows how the Yxy color 81.0030, 0.3150, 0.3091 looks on a white background.

Color Contrast Check

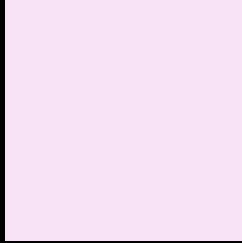
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 81.0030, 0.3150, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

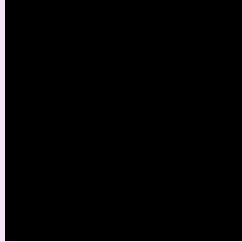
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

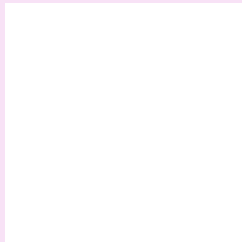
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0030, 0.3150, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 81.0030, 0.3150, 0.3091.

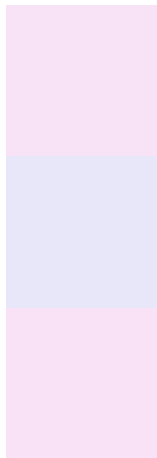


This preview shows how white text looks on a background with the Yxy color 81.0030, 0.3150, 0.3091.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.0030, 0.3150, 0.3091

Protanopia

81.1472, 0.3022, 0.3106

Deuteranopia

81.1863, 0.3157, 0.3092



Tritanopia

80.8808, 0.3163, 0.3111

Trichromacy



Original Color

81.0030, 0.3150, 0.3091

Protanomaly

80.9931, 0.3069, 0.3098

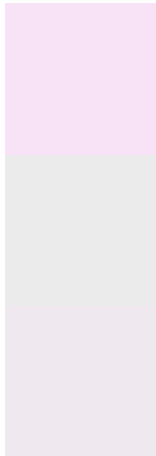
Deuteranomaly

81.1863, 0.3157, 0.3092

Tritanomaly

80.9417, 0.3157, 0.3101

Monochromacy



Original Color

81.0030, 0.3150, 0.3091

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.4705, 0.3137, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0030, 0.3150, 0.3091 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(248, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 246) }
```

Border

The CSS property to change the border of an element to Yxy 81.0030, 0.3150, 0.3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 226, 246) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(248, 226, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(248, 226, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0030, 0.3150, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
226, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor